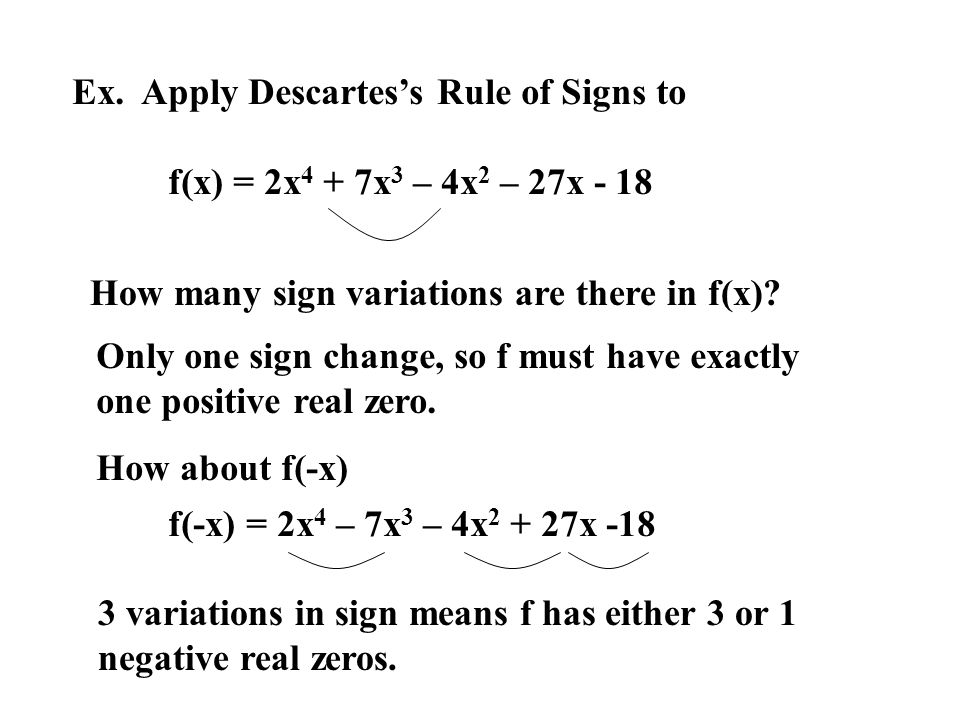
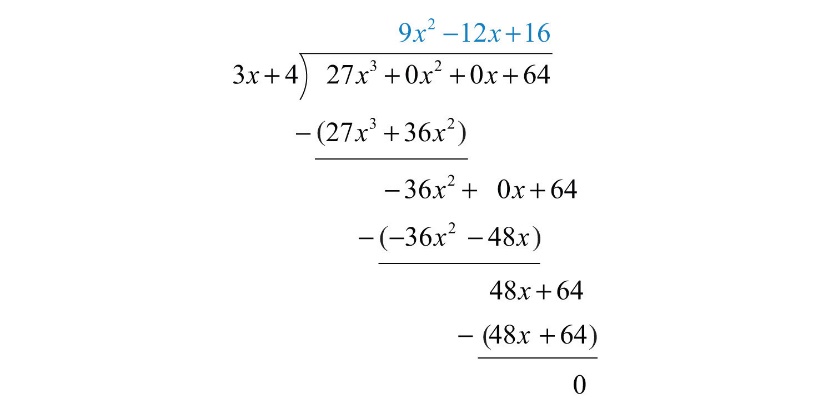
**2.5-2.8 Unit Outline**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Learning Target** | **Assessment** | **M.L.4** | **M.L.3** | **M.L.2** | **M.L.1** |
| 1. I can use long division & synthetic division to simplify a rational expression. | 2.5 WS  2.5 & 2.6 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 2. I can find the zeros of a polynomial function in factored form. | 2.6 WS  2.5 & 2.6 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 3. I can factor a polynomial function to find the zeros. | 2.6 WS  2.5 & 2.6 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 4. I can use the rational zeros theorem to write a list of possible rational zeros of a polynomial function. | 2.7 WS  2.7-2.8 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 5. I can use Descartes’s Rule of Signs to determine the number of possible positive and negative real zeros of a polynomial. | 2.7 WS  2.7-2.8 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 6. I can write a polynomial function when given the zeros of the function. | 2.8 WS  2.7-2.8 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 7. I can graph and/or identify a graph of a polynomial function, given the zeros and their multiplicity. | 2.8 WS  2.7-2.8 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |
| 8. I can find all complex zeros of a polynomial function and write it in factored form. | 2.8 WS  2.7-2.8 Quiz  2.5-2.8 Review  2.5-2.8 Test |  |  |  |  |

**Long Division Synthetic Division**

